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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	4601D2
First Inventor	Linda G. Lee
Title	Atropisomers of Asymmetric Xanthene Fluorescent Dyes and Methods of DNA Sequencing and Fragment Analysis
Express Mail Label No.	EL 897 624 516 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages  ]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets  ]
5. Oath or Declaration [Total Pages  ]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Transmittal of Div. Pat. App. 37 CFR 1.53(b)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/ 227,058 filed August 21, 2002

Prior application information:

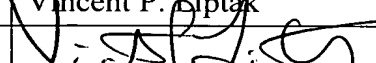
Examiner: Zinna N. DavisGroup Art Unit: 1625

For CONTINUING OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<input type="checkbox"/> Correspondence address below
<b>22896</b>	

Name	Vincent P. Liptak				
Address	Applied Biosystems				
	850 Lincoln Centre Drive				
City	Foster City	State	California	Zip Code	94404
Country	US	Telephone	650-638-6895	Fax	650-638-6677

Name (Print/Type)	Vincent P. Liptak	Registration No. (Attorney/Agent)	53,225
Signature		Date	November 18, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

CERTIFICATION UNDER 37 CFR 1.10

Express Mail Number: EL 897 624 516 US

Date of Deposit: November 18, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Desi Inocencio

(Print Name of Person Mailing Application)

Desi Inocencio

(Signature of Person Mailing Application)

Docket No. 4601D2

**Transmittal of Divisional Patent Application  
For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION:

Examiner: Zinna N. Davis

Art Unit: 1625

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request for filing a ☐ continuation ☒ divisional application under 37 CFR 1.53(b), of pending prior application serial no. 10/227,058 filed on August 21, 2002 by Linda G. Lee, Meng C. Taing, Barnett B. Rosenblum entitled

**Atropisomers of Asymmetric Xanthene Fluorescent Dyes and Methods of DNA  
Sequencing and Fragment Analysis**

1. Enclosed are:

- ☒ One stamped, self-addressed postcard for PTO datestamp.
- ☒ Certificate of Express Mail.
- ☒ One utility patent application containing text pages 1 – 58 and
  - ☒ 21 sheets of ☒ formal ☐ informal drawings.
- ☒ Application Data Sheet.
- ☒ Copy of executed Declaration of Inventorship from grandparent application serial no. 09/704,966.
- ☐ Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- ☐ A Preliminary Amendment.
- ☐ A new Power of Attorney.

2. Amendment

- ☐ Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- ☒ Please cancel original claims 2 – 55, inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- ☐ Amend the specification by inserting before the first line the sentence: -- This application is a divisional / continuation of application serial no. \_\_\_\_\_ filed \_\_\_\_\_ which is a divisional / continuation of application serial no. \_\_\_\_\_ filed \_\_\_\_\_ . - -

3. Extension of Time

- ☐ A petition for extension of time has been filed in the parent to extend the pendency of the parent to \_\_\_\_\_ (copy enclosed).

- ☒ Conditional Petition for Extension of Time: An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. Prior Documents Still in Effect

- ☒ This application and parent application Serial No. 10/227,058 filed August 21, 2002 are assigned of record to Applera Corporation.
- ☒ Power of attorney in the above-identified prior application is to Vincent P. Liptak, Reg. No. 53,225, and the other attorneys or agents identified therein.

5. Fees

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	1 - 20	0	X \$18	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	X \$86	\$0.00
	BASIC FEE			\$00.00
	Multiple Dependency Fee If Applicable \$290.00			
	Total			
	50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern			
	TOTAL FILING FEE			\$00.00

- ☐ The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☒ Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.  
**DO NOT CHARGE DEPOSIT ACCOUNT.**

Respectfully submitted,

  
\_\_\_\_\_  
Vincent P. Liptak, Reg. No. 53,225

Dated: November 18, 2003

**Correspondence Address:**

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